

ECS Configuration Change Request

Page 1 of 1 Page(s)

1. Originator Alton Davis	2. Log Date: 8/12/02	3. CCR #: 02-0669	4. Rev: —	5. Tel: (301) 883-4132	6. Rm #: 2108A	7. Dept. REDV
8. CCR Title: Update the Segment/Design Specification for the ECS Project (Release 6B version of the 305 Document)						
9. Originator Signature/Date Alton Davis, Jr. /s/ 8/8/02			10. Class II	11. Type: CCR	12. Need Date: 8/15/2002	
13. Office Manager Signature/Date Mark McBride /s/ 8/8/02			14. Category of Change: Update ECS Baseline Doc.		15. Priority: (If "Emergency" fill in Block 27). Routine	
16. Documentation/Drawings Impacted (Review and submit checklist): 305-CD-610-002 Release 6A Segment/Design Specification for the ECS Project			17. Schedule Impact:		18. Cl(s) Affected: Release 6A Segment/Design Specification for the ECS Project	
19. Release Affected by this Change: 6B		20. Date due to Customer:		21. Estimated Cost: None - Under 100K		
22. Source Reference: <input type="checkbox"/> NCR (attach) <input type="checkbox"/> Action Item <input type="checkbox"/> Tech Ref. <input type="checkbox"/> GSFC <input type="checkbox"/> Other: Documentation updates for the past year and a half need to be provided to the customer before end of contract.						
23. Problem: (use additional Sheets if necessary) The Release 6A Segment/Design Specification needs to be updated for post Release 6A.						
24. Proposed Solution: (use additional sheets if necessary) Update the Segment/Design Specification for the post Release 6A (Release 6B version)						
25. Alternate Solution: (use additional sheets if necessary) N/A						
26. Consequences if Change(s) are not approved: (use additional sheets if necessary) Affect award fee for end of contract activities. The Segment/Design Specification has not been updated in over a year. The contract calls for an end of contract documentation delivery of this document.						
27. Justification for Emergency (If Block 15 is "Emergency"):						
28. Site(s) Affected: <input type="checkbox"/> EDF <input type="checkbox"/> PVC <input type="checkbox"/> VATC <input type="checkbox"/> EDC <input type="checkbox"/> GSFC <input type="checkbox"/> LaRC <input type="checkbox"/> NSIDC <input type="checkbox"/> SMC <input type="checkbox"/> AK <input type="checkbox"/> JPL <input type="checkbox"/> EOC <input type="checkbox"/> IDG Test Cell <input type="checkbox"/> Other						
29. Board Comments:			30. Work Assigned To:		31. CCR Closed Date:	
32. EDF/SCDV CCB Chair (Sign/Date): Byron V. Peters /s/ 8/14/02			Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB			
33. M&O CCB Chair (Sign/Date):			Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS Fwd/ECS ERB			
34. ECS CCB Chair (Sign/Date):			Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS Fwd/ESDIS ERB			

Release 6B Segment/Design Specification for the ECS Project (305 Document) Update Summary
Tuesday, August 13, 2002

1. Added Ingest browse and metadata from IGS tapes capability
2. Completed DCE replacement with sockets (replacement of almost all portions of the Distributed Computing Environment within the ECS with socket connections)
3. Removal of compression on distribution material (to compress data prior to putting on media for distribution - not included in the baseline by the customer)
4. The Error Handling summary requested by the customer has been included in this updated version of the document
5. The Fault Management summary requested by the customer has been updated in this updated version of the document
6. Updates to obvious engineering corrections needed to the system text and diagrams (context and architecture - break up of diagrams into multiple diagrams which were crowded and less readable; necessitated breaking up event tables as well)
7. A caveat for the 305 document is the appendices are not yet completed by Software Development. There are still many missing descriptions for programs, classes and libraries, which must be completed as an EOC requirement. Work is expected to begin this week on updating the appendices a little at a time.